



# **TMDL Implementation Guidance for Local Governments: An Overview**

Presented at the  
TMDL Implementation Guidance Review Workshop for  
Local Governments

June 14, 2005



# TMDL Implementation Guidance

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- **What it is:**
  - **Background and Context**
  - **Explanation of Goals**
  - **Technical Construct**
  - **Framework for Continued Dialogue**
- **What it is not:**
  - **Comprehensive Cookbook or “How To”**

# Guidance Document Highlights

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- **2.0 Background**
  - **Clean Water Act Framework**
  - **TMDLs**
- **3.1 Guidance for Local Policy Makers**
- **3.4 Adopting a Local TMDL Implementation Framework**
- **4.3 Restoring Water Quality**
  - **4.3.2.2 Existing Programs**

# Guidance Document Highlights

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- **4.4 Maintaining Water Quality**
- **5.1 Tracking and Assessing Progress**
- **5.2 Tools & Resources**
- **5.3 Land Use Planning**
- **5.5 Economic & Regulatory Incentives**
- **5.8 Multi-jurisdictional Coordination**

# Guidance Document Highlights

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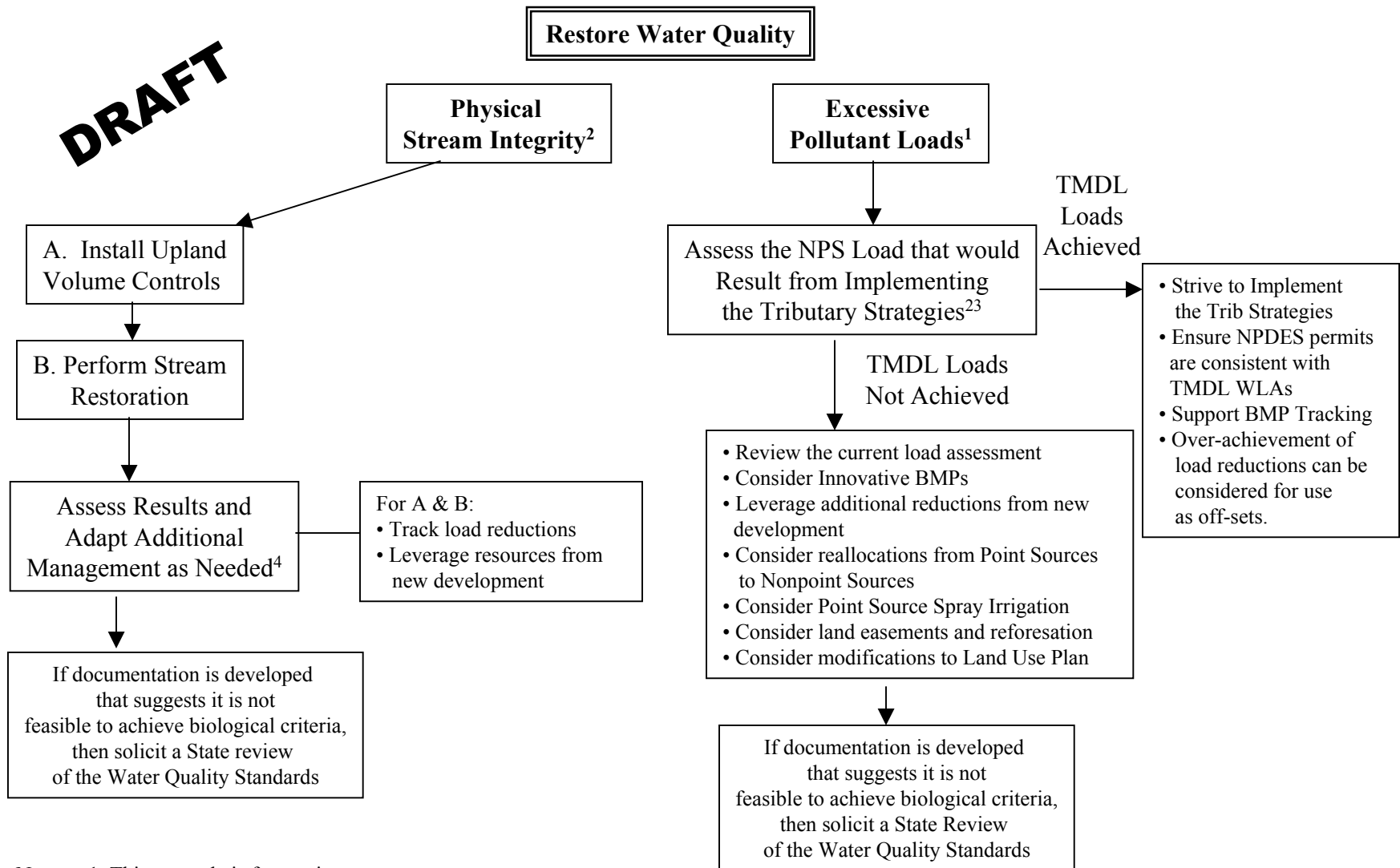
- **Appendix A**
  - **Graphical Overview**
- **Appendix E**
  - **NPS Loading Analysis “Cookbook”**
- **Appendix F**
  - **Offsetting New Loads – A Watershed Perspective**
- **INDEX**

# Guidance Concepts & Guidance

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- **Environmental Objectives:**
  - **Protect Water Quality Standards**
  - **Restore Water Quality Standards**
  - **Maintain Water Quality Standards**
- **Management Objectives:**
  - **Do this Today with current capacities**
  - **Invest in new technical & administrative capacities**

# Key TMDL Implementation Elements: Restore Water Quality



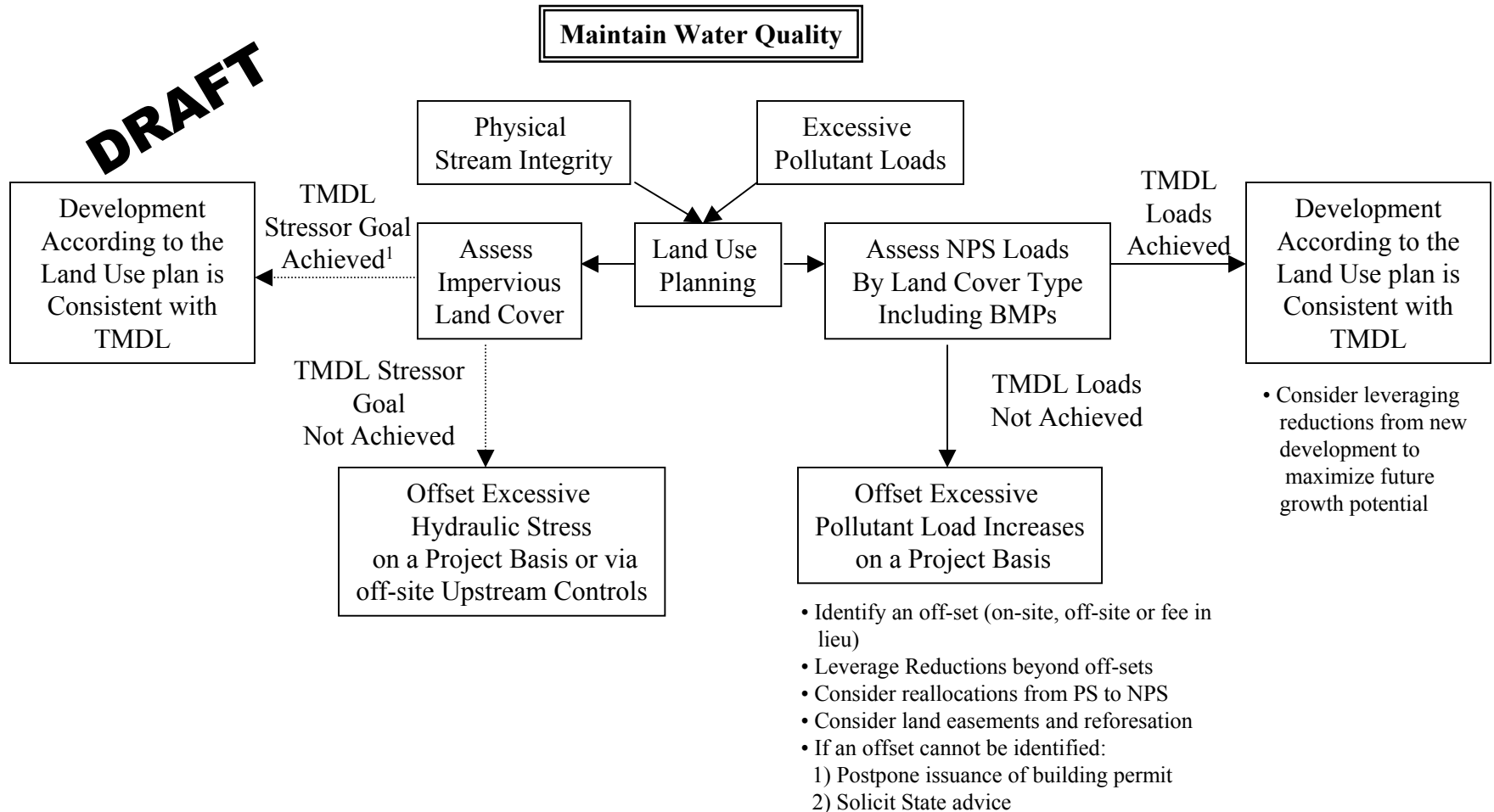
Notes: 1. This example is for nutrients.

2. TMDLs for stream integrity have not been developed. EPA requirements remain an outstanding policy issue.

3. Part of the analysis should consider projected future land cover.

4. Assess the results relative to biological criteria used to identify waters on the 303(d) List

# Key TMDL Implementation Elements: Maintain Water Quality



Notes: 1. No TMDLs have been established for this purpose. See Montgomery County Case Study in Section 5.6 for one proposed approach for addressing impervious cover.





# Guidance Concepts & Guidance

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- **TMDLs**
  - **Quantified => Accountability is Clear**
  - **Link actions on the ground to water quality**
- **Tracking:**
  - **Take Credit for Current Activities**
  - **Account for New Loads**
- **Responsibilities:**
  - **State/Fed: Responsible**
  - **Locals: Close to Issue & Significant Stakes**

# Guidance Concepts & Guidance

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- **Two Key Impairment Classes**
  - **Nutrients=> Trib Strategies**
  - **Stream Integrity=> Restoration & SW Mgmt**
- **Keep Loading Analyses Simple for Now**
  - **Implementation Plans (reduction) – TBD**
  - **Off-setting New Loads is Key**
- **Land Use Planning is a Central Theme**

# Guidance Concepts & Guidance

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- **We're in “Capacity-Building” Mode**
  - **Technical**
  - **Administrative**
  - **Financial**
- **Guidance will be Enhanced During 2005-2006**

**QUESTIONS?**

**COMMENTS?**